

What is claimed is:

[Claim 1] *Claim 1* is the apparatus for converting the Vertically focusing binocular microscope to Horizontally Focusing Binocular Microscope and this is achieved by device on Fig. 2. This device is easily attachable to conventional binocular microscope and without space or time sacrificing completes the conversion. This device is consisting of: *Claim 1.1* Bushing 29 rotating in horizontal plain. *Claim 1.2* This device is consisting of horizontal rotating bar 26. *Claim 1.3* This device is bushing 25 that consisting of first part that is sliding on vertical Sliding Bar 24 and second part that holding horizontal Sliding Bushing 29.

[Claim 2] *Claim 2* is device that vertically holding the test tubs and this is achieved by apparatus on FIG. 1. This device consists of: *Claim 2.1* The base of the device is vertical bar 113 standing on base plate 119.

[Claim 3] *Claim 3* is the test tube holding plate 114 consisting of: *Claim 3.1* holding test tube plate 114. *Claim 3.2* vertical guiding hole 115. *Claim 3.3* is the test tube friction holding rubber ring 120, which is placed in holding groove 121 with slight tension. *Claim 3.4* is holding groove 121. *Claim 3.5* is vertical screw 111. The vertical positioning of the test tube plate 114 is achieved by the device consisting of vertical screw 111 which is moving the sliding vertical bushing 112 attached to the plate 114. *Claim 3.6* is sliding vertical bushing 112. *Claim 3.7* is vertical movement handle 110 that is rotating the vertical screw 111. This is moving the plate up or down in front of viewpoint of binocular microscope.

[Claim 4] *Claim 4*. The process consisting of horizontally focusing on the visual point in the sample and analyzing it in liquid.

[Claim 5] *Claim 5*. Process of sample analyzing that is in vertical position and the gravitationally separated fractions of the sample will be not disturbed during the analysis and study of the sample.